



# SPYWOLF

## Security Audit Report



Completed on  
**March 25, 2023**

@SPYWOLFNWORK



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SPYWOLF.CO





# OVERVIEW

This audit has been prepared for **MOOKY** to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

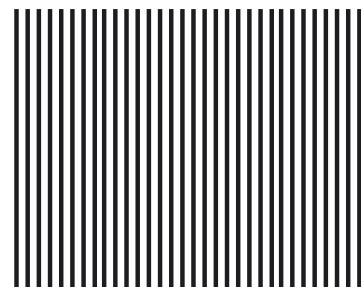
- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

*The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal*

- SPYWOLF Team -

”





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# MOOKY



## PROJECT DESCRIPTION

### **According to their whitepaper:**

MOOKY is a community DeFi token with the goal of protecting the environment meanwhile shifting wealth into the internal ecosystem. Community tokens are very large niche to generating wealth for both the community holders and charity funds. MOOKY plans to build its basis on the blockchain and expand its effects to the outside.

**Release Date:** Presale starts in March, 2023

**Category:** Meme token



# CONTRACT INFO

Token Name  
MOOKY

Symbol  
MOOK

Contract Address

0xeFf1CA0B55c1ff1456C48838C23E9A32B508470B

Network

Ethereum

Language

Solidity

Deployment Date

March 22, 2023

Verified?

Yes

Total Supply

500,000,000,000

Status

Not launched

## TAXES

Buy Tax  
**none**

Sell Tax  
**none**

## Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

### Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



# TOKEN TRANSFERS STATS

Transfer Count	1
Uniq Senders	1
Uniq Receivers	1
Total Amount	500000000000 MOOK
Median Transfer Amount	500000000000 MOOK
Average Transfer Amount	500000000000 MOOK
First transfer date	2023-03-22
Last transfer date	2023-03-22
Days token transferred	1

# SMART CONTRACT STATS

Calls Count	1
External calls	1
Internal calls	0
Transactions count	1
Uniq Callers	1
Days contract called	1
Last transaction time	2023-03-22 10:52:23 UTC
Created	2023-03-22 10:52:23 UTC
Create TX	0xdf <sup>fee</sup> 91b8d92c83e05b39b0d67f635fa5c23dd93662b06c749cd44bb4bc1eda4a
Creator	0xba6d38533e75760f50d33f0c4c0682af5faa9c65



# VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed





# THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

## High Risk

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Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Medium Risk

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Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

## Low Risk

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Issues on this level are minor details and warning that can remain unfixed.

## Informational

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Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.





# FOUND THREATS

## ⚠ High Risk

### Owner can blacklist addresses.

Blacklisted addresses will not be able to buy/sell/transfer tokens.  
If the liquidity pair is blacklisted, this will affect all users.

```
function addToBlacklist(address[] memory _accounts)
    public
    onlyOwner
{
    for (uint256 i = 0; i < _accounts.length; i++) {
        blacklisted[_accounts[i]] = true;
    }
    emit LogAddToBlacklist(_accounts);
}

function _transfer(
    address from,
    address to,
    uint256 amount
) internal virtual {
    .....
    _beforeTokenTransfer(from, to, amount);
    .....
}

function _beforeTokenTransfer(
    address from,
    address to,
    uint256 amount
) internal view override {
    require(!blacklisted[from] && !blacklisted[to], "ERC20: blacklisted address");
}
```

- Recommendation:
  - Good practice for token contracts is that they do not include blacklist functionality. If the goal is to evade snipe and frontrun bots, there should be automated approach implemented instead of manual one.



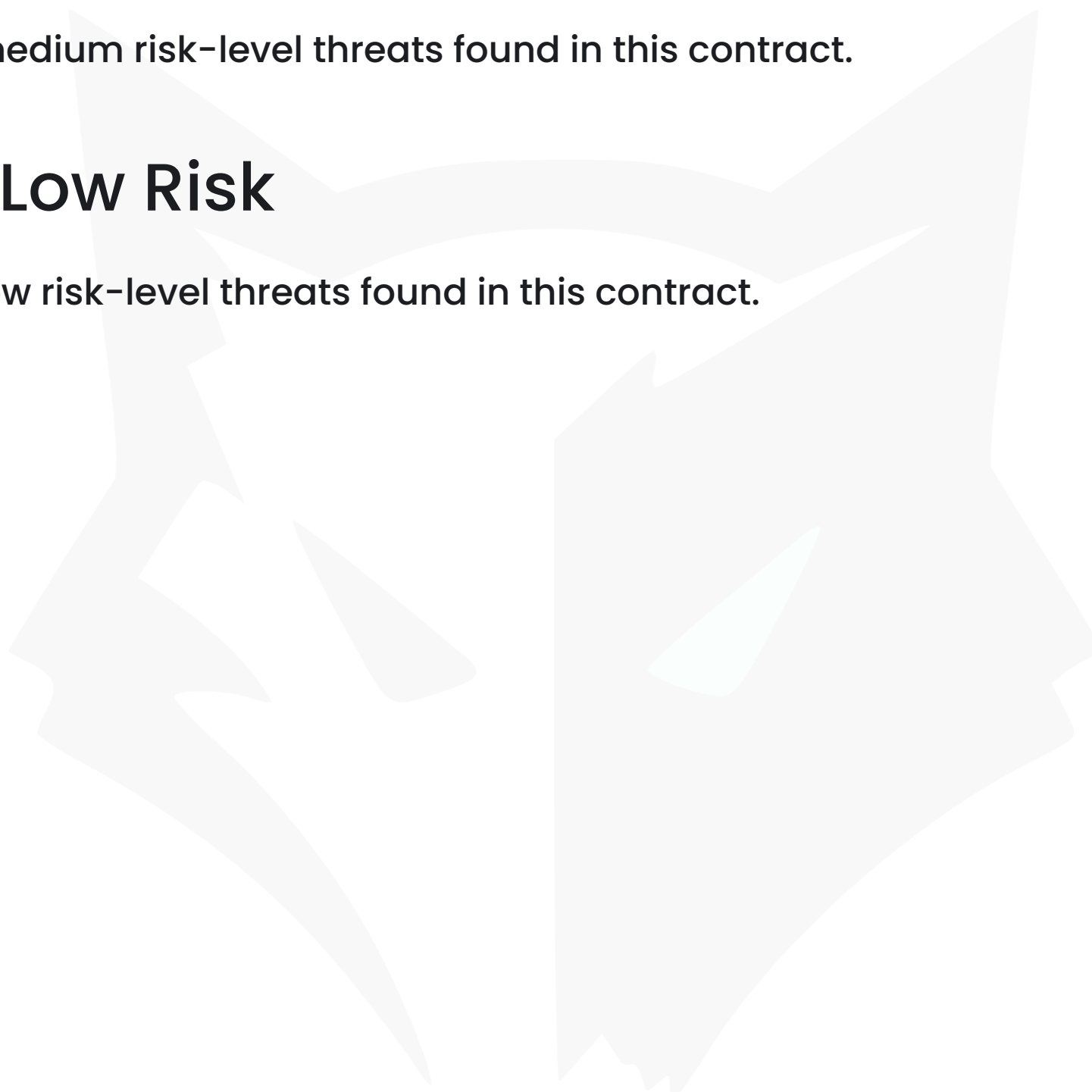
# FOUND THREATS

## Medium Risk

No medium risk-level threats found in this contract.

## Low Risk

No low risk-level threats found in this contract.





RECOMMENDATIONS FOR

# GOOD PRACTICES

---

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

## MOOKKY

### GOOD PRACTICES FOUND

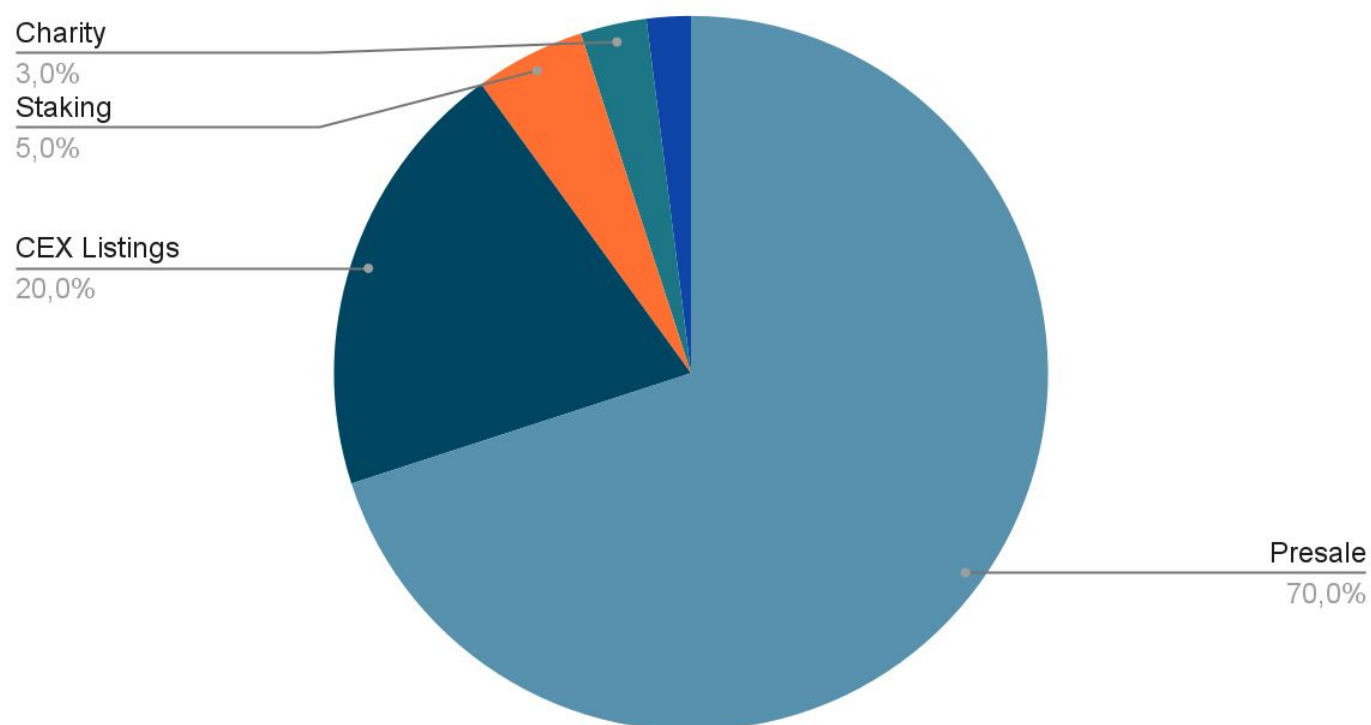
- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot set a transaction limit



The following tokenomics are based on the project's whitepaper and/or website:

- 70% - Presale
- 20% - CEX Listings
- 5% - Staking
- 3% - Staking
- 2% - Charity

Tokens distribution



TOKENOMICS



# THE TEAM

! The team is anonymous

## KYC INFORMATION

! No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.





# WEBSITE

## Website URL

<https://mooky.io/>

## Domain Registry

<https://www.namecheap.com/>

## Domain Expiration

Expires on 2023-12-08

## Technical SEO Test

Passed

## Security Test

Passed. SSL certificate present

## Design

Very nice color scheme, graphics and overall layout.

## Content

The information helps new investors understand what the product does right away. No grammar mistakes found..

## Whitepaper

Well written, explanatory.

## Roadmap

Yes, goals set with time frames.

## Mobile-friendly?

Yes



# mooky.io



# SOCIAL MEDIA & ONLINE PRESENCE



## ANALYSIS

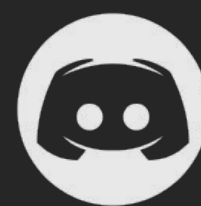
Project's social media  
pages are active



**Twitter**

@MOOKYcoin

- 3 470 followers
- Posts frequently
- Active



**Discord**

<https://discord.com/invite/PD7kGdh9>

- 159 members
- Active members
- Active mods



**Telegram**

@MOOKYOFFICIAL

- 531 members
- Active members
- Active mods



**Medium**

- Not available





# SPYWOLF

## CRYPTO SECURITY

Audits | KYCs | dApps  
Contract Development

## ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 400 SUCCESSFUL CLIENTS
- ✓ MORE THAN 500 SCAMS EXPOSED
- ✓ MILLIONS SAVED IN POTENTIAL FRAUD
- ✓ PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS
- ✓ CONSTANTLY BUILDING TOOLS TO HELP INVESTORS DO BETTER RESEARCH

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# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.